

Specific antibodies to troponin T, their production and their use in a reagent for the determination of heart muscle necroses.

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Abstract

An immunoassay for the determination of heart muscle necroses using antibodies against troponin T and a binding partner B for troponin T or for the antibody, where either the antibody or the binding partner B is labelled with a group which can be determined. The immunological complex which is formed and which contains the group which can be determined is removed by phase separation, and the group which can be determined is determined in one of the phases. Additionally described are monoclonal and polyclonal antibodies against troponin T which have a cross-reactivity of less than 5 % with skeletal muscle troponin T and less than 2 % with troponin T and other myofibrillary proteins.

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